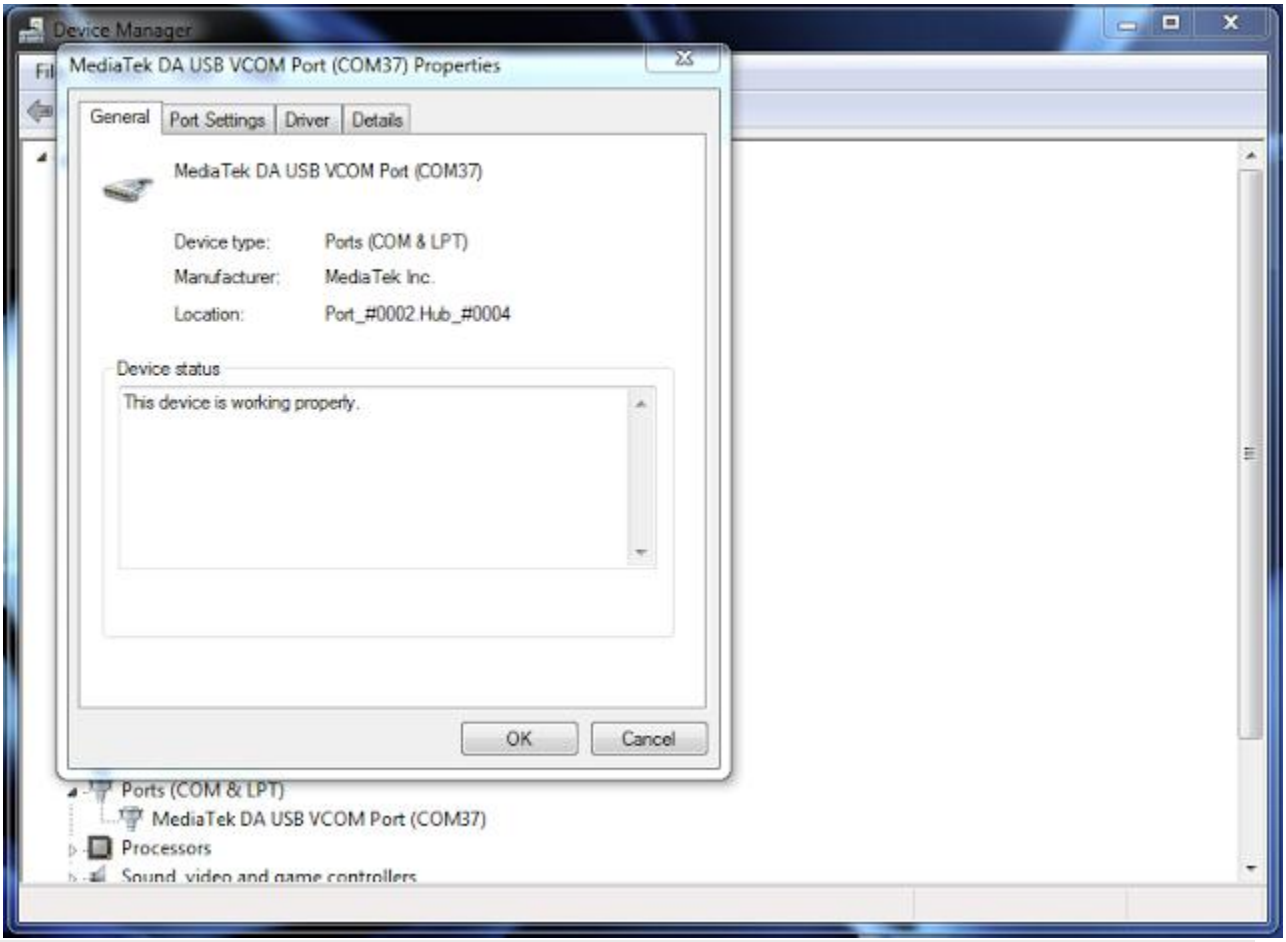
SP FLASH TOOL USER MANUAL

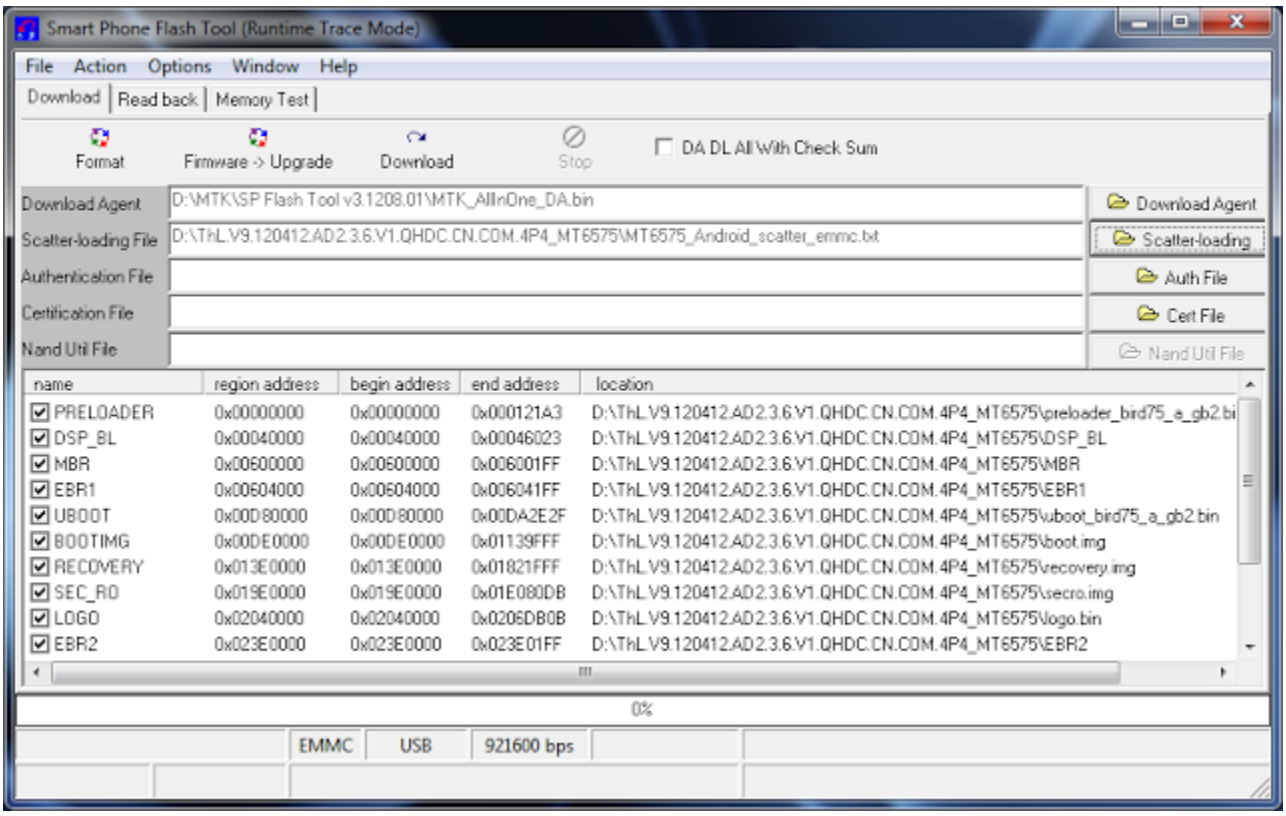
- *USB data cable*
- *MediaTek USB VCOM drivers*
- *SP Flash Tool (Latest version **SP_Flash_Tool_v3.1XXX.01**)*

- *First of all, make sure that you have MediaTek DA USB VCOM drivers installed.*

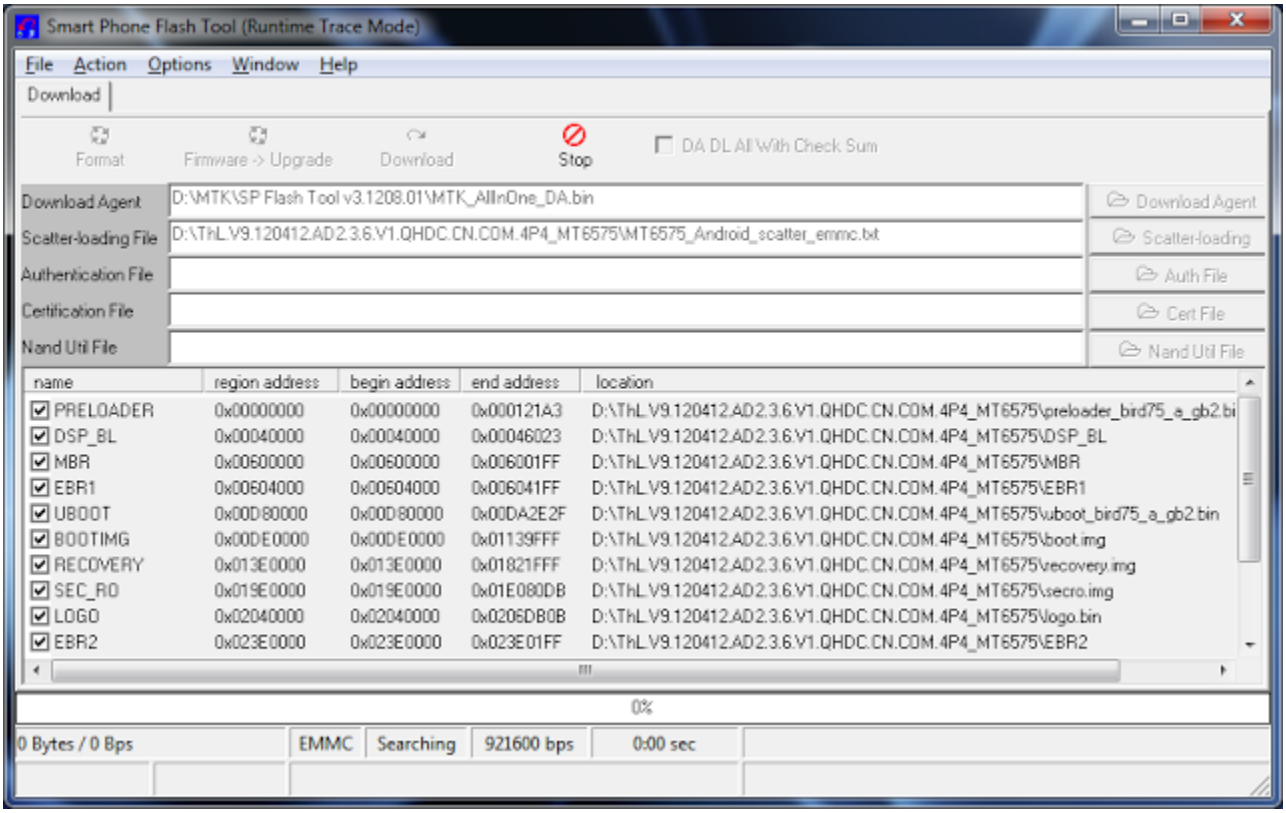


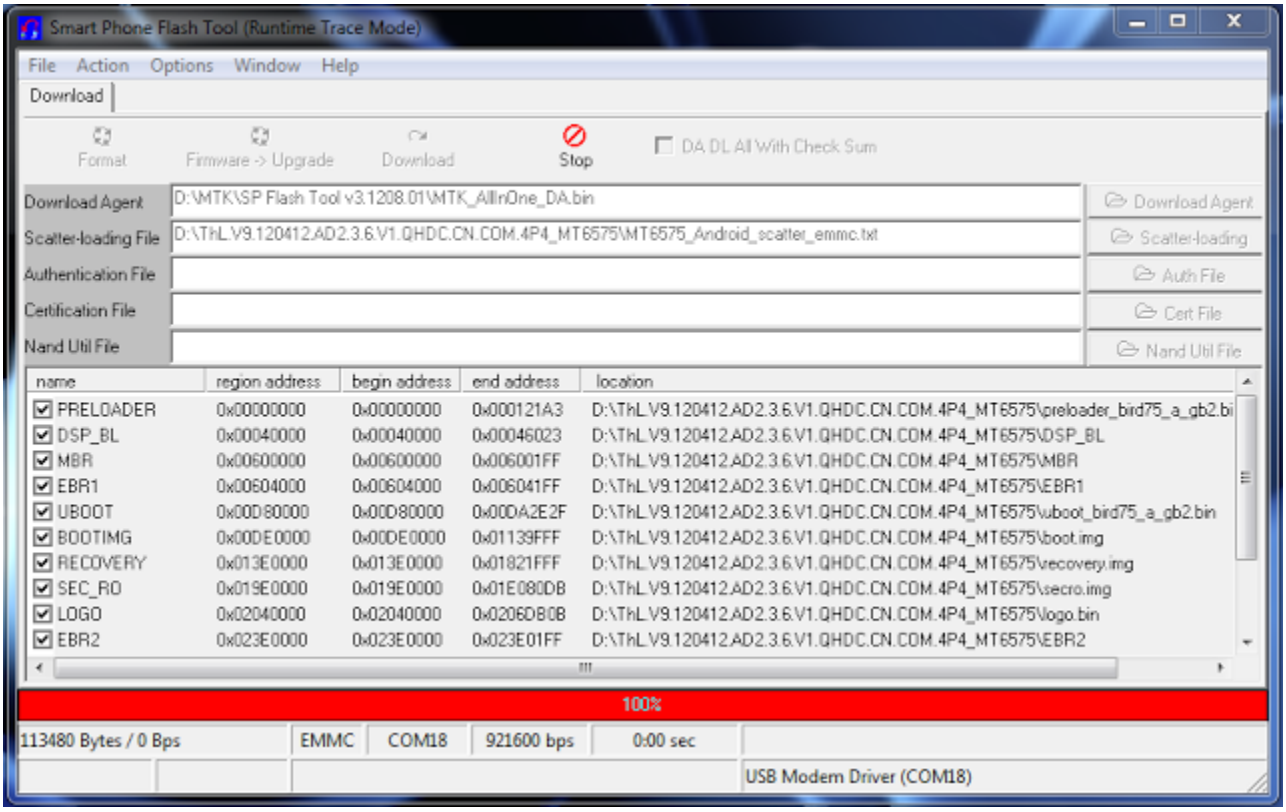
Flashing the whole ROM

- *First of all open **SP Flash Tool**, then click **Scatter-loading** button to load the correct scatter file (**MT6575_Android_scatter_emmc.txt** or **MT6577_Android_scatter_emmc.txt**, depending on which phone you have) for your device and ignore any message that may appear.*

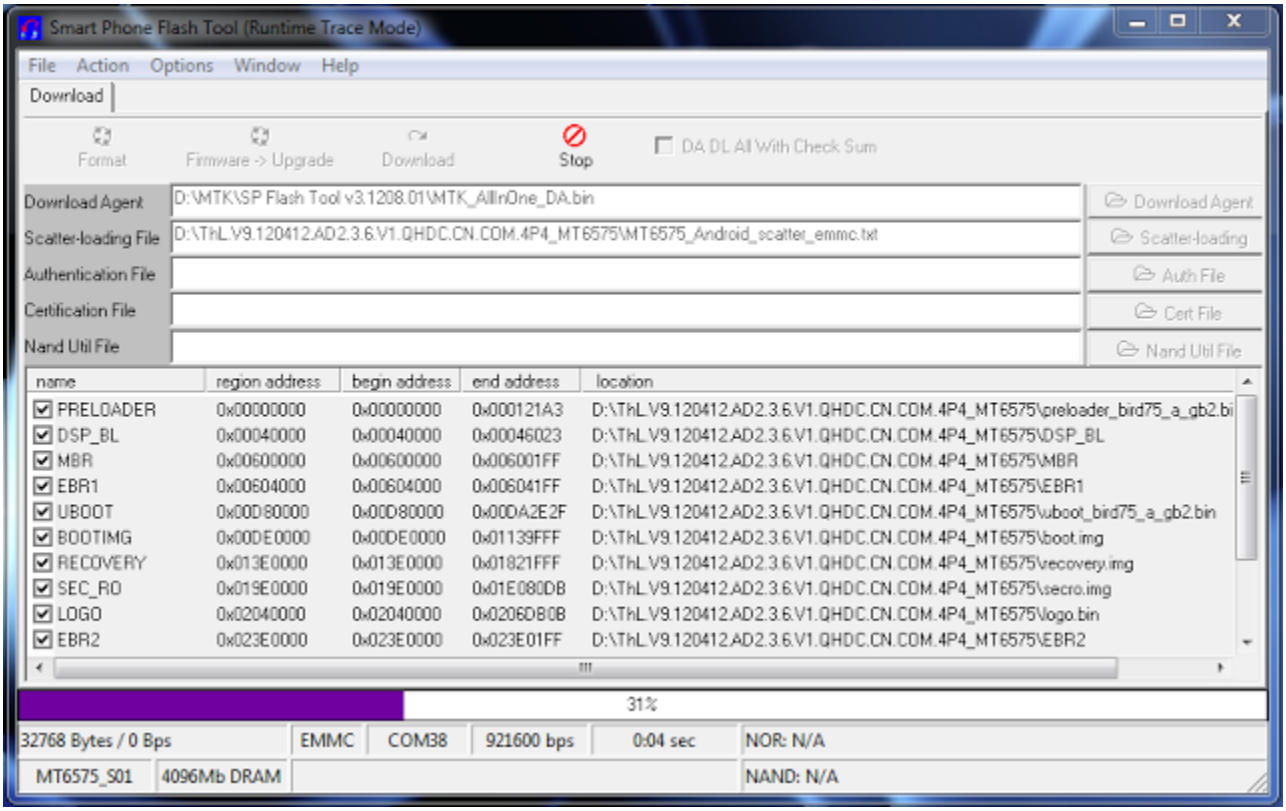


- *Turn off your phone, remove the battery and replace it after some seconds (and don't turn on the phone).*
- *Press F9 (or hit **Download** button) and connect your phone into the computer via USB data cable.*
  The process will start and a red progress bar will appear.

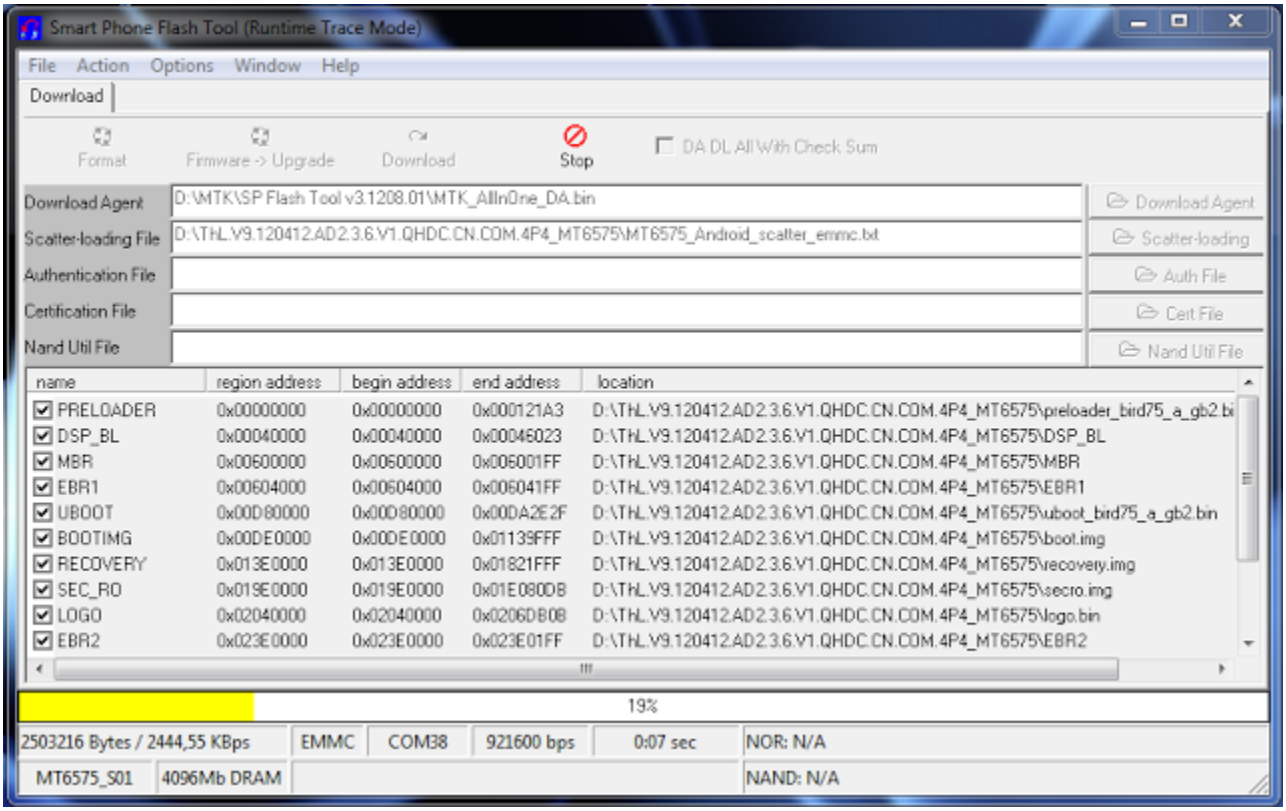



Smart Phone Flash Tool (Runtime Trace Mode)
File Action Options Window Help
Download
Format
Firmware -> Upgrade
Download
Stop
DA DL All With Check Sum
Download Agent
D:\MTK\SP Flash Tool v3.1208.01\MTK_AllInOne_DA.bin
Scatter-loading File
D:\ThL.V9.120412.AD2.3.6.V1.QHDC.CN.COM.4P4_MT6575\MT6575_Android_scatter_emmc.txt
Authentication File
Certification File
Nand Util File
Download Agent
Scatter-loading
Auth File
Cert File
Nand Util File
name
region address
begin address
end address
location
PRELOADER 0x00000000 0x00000000 0x000121A3 D:\ThL.V9.120412.AD2.3.6.V1.QHDC.CN.COM.4P4_MT6575\preloader_bird75_a_gb2.bi
DSP_BL 0x00040000 0x00040000 0x00046023 D:\ThL.V9.120412.AD2.3.6.V1.QHDC.CN.COM.4P4_MT6575\DSP_BL
MBR 0x00600000 0x00600000 0x006001FF D:\ThL.V9.120412.AD2.3.6.V1.QHDC.CN.COM.4P4_MT6575\MBR
EBR1 0x00604000 0x00604000 0x006041FF D:\ThL.V9.120412.AD2.3.6.V1.QHDC.CN.COM.4P4_MT6575\EBR1
UBOOT 0x00D80000 0x00D80000 0x00DA2E2F D:\ThL.V9.120412.AD2.3.6.V1.QHDC.CN.COM.4P4_MT6575\uboot_bird75_a_gb2.bin
BOOTIMG 0x00DE0000 0x00DE0000 0x01139FFF D:\ThL.V9.120412.AD2.3.6.V1.QHDC.CN.COM.4P4_MT6575\boot.img
RECOVERY 0x013E0000 0x013E0000 0x01821FFF D:\ThL.V9.120412.AD2.3.6.V1.QHDC.CN.COM.4P4_MT6575\recovery.img
SEC_RO 0x019E0000 0x019E0000 0x01E080DB D:\ThL.V9.120412.AD2.3.6.V1.QHDC.CN.COM.4P4_MT6575\secro.img
LOGO 0x02040000 0x02040000 0x0206DB0B D:\ThL.V9.120412.AD2.3.6.V1.QHDC.CN.COM.4P4_MT6575\logo.bin
EBR2 0x023E0000 0x023E0000 0x023E01FF D:\ThL.V9.120412.AD2.3.6.V1.QHDC.CN.COM.4P4_MT6575\EBR2
100%
113480 Bytes / 0 Bps
EMMC
COM18
921600 bps
0:00 sec
USB Modem Driver (COM18)

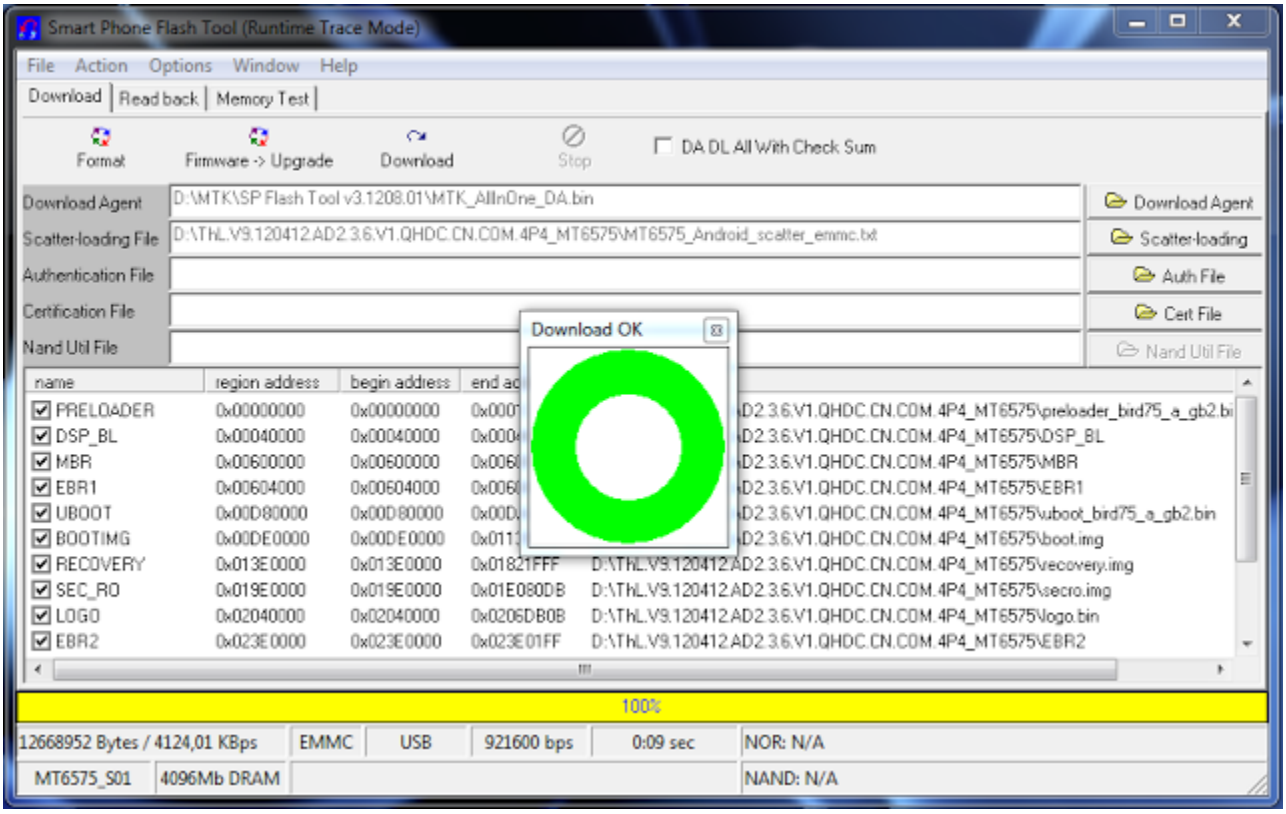
- *After the red progress bar is complete, there will appear a purple progress bar.*



- *Right after the purple progress bar is complete, a message will appear underneath it: "**Please insert USB cable in x seconds**" and then the download will start right away (you will see the yellow progress bar filling up).*



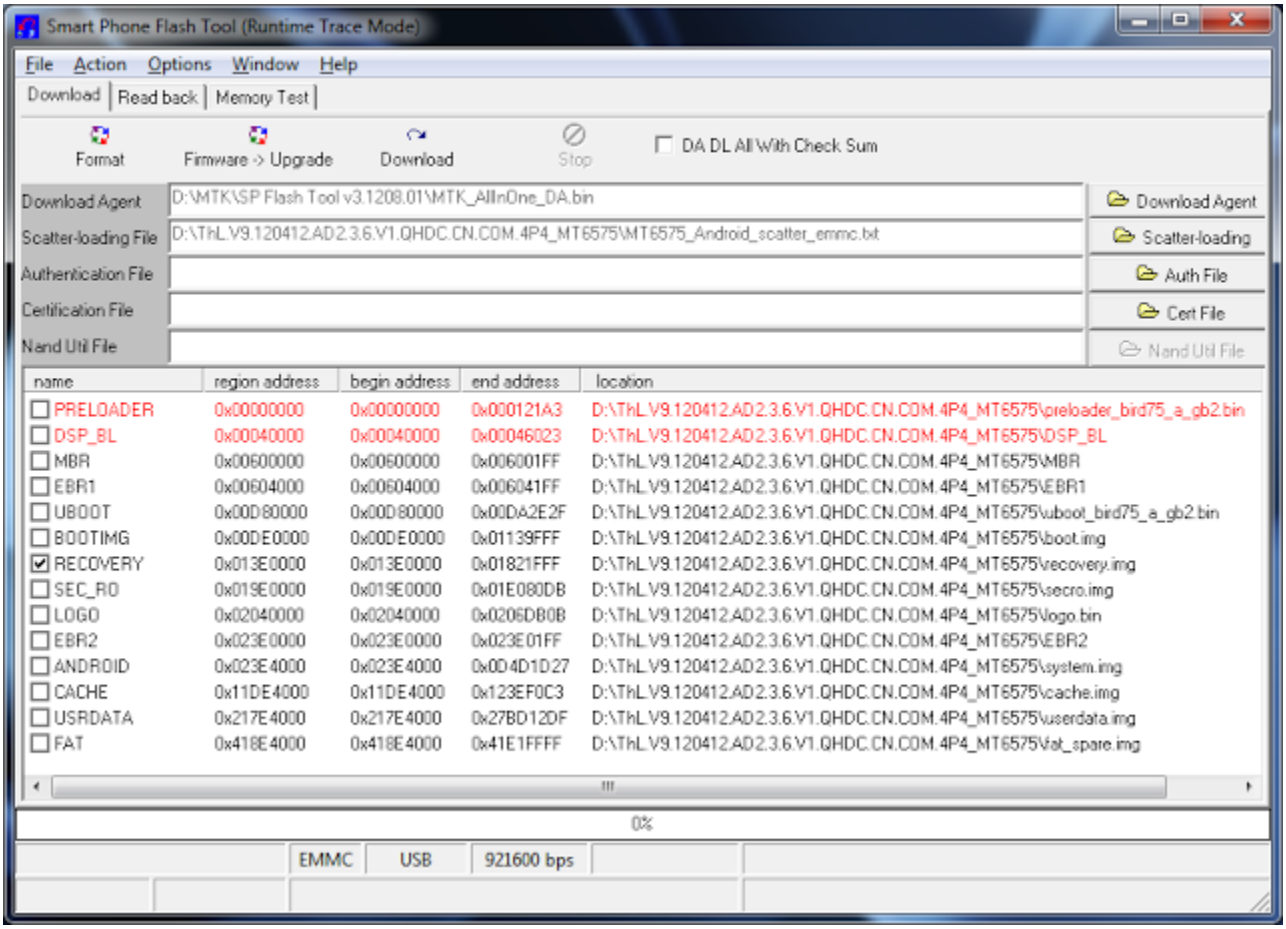
- *Then the yellow bar is complete, you'll get a popup with a green circle and **Download OK** message,*
  which means that the process has been successfully terminated.



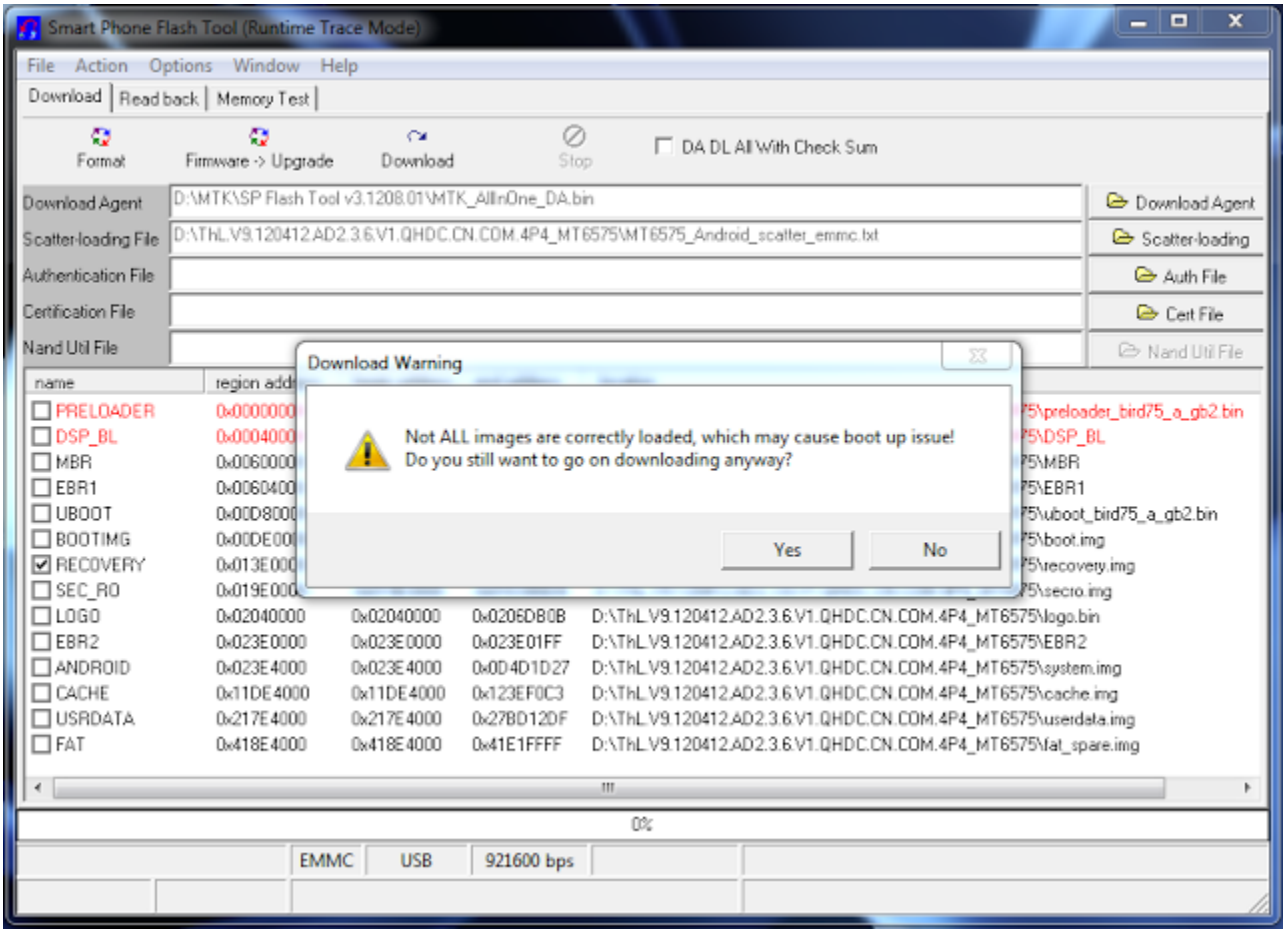
- *You can now safely disconnect your phone and turn it on. The process ends here.*

Flashing only part of the ROM

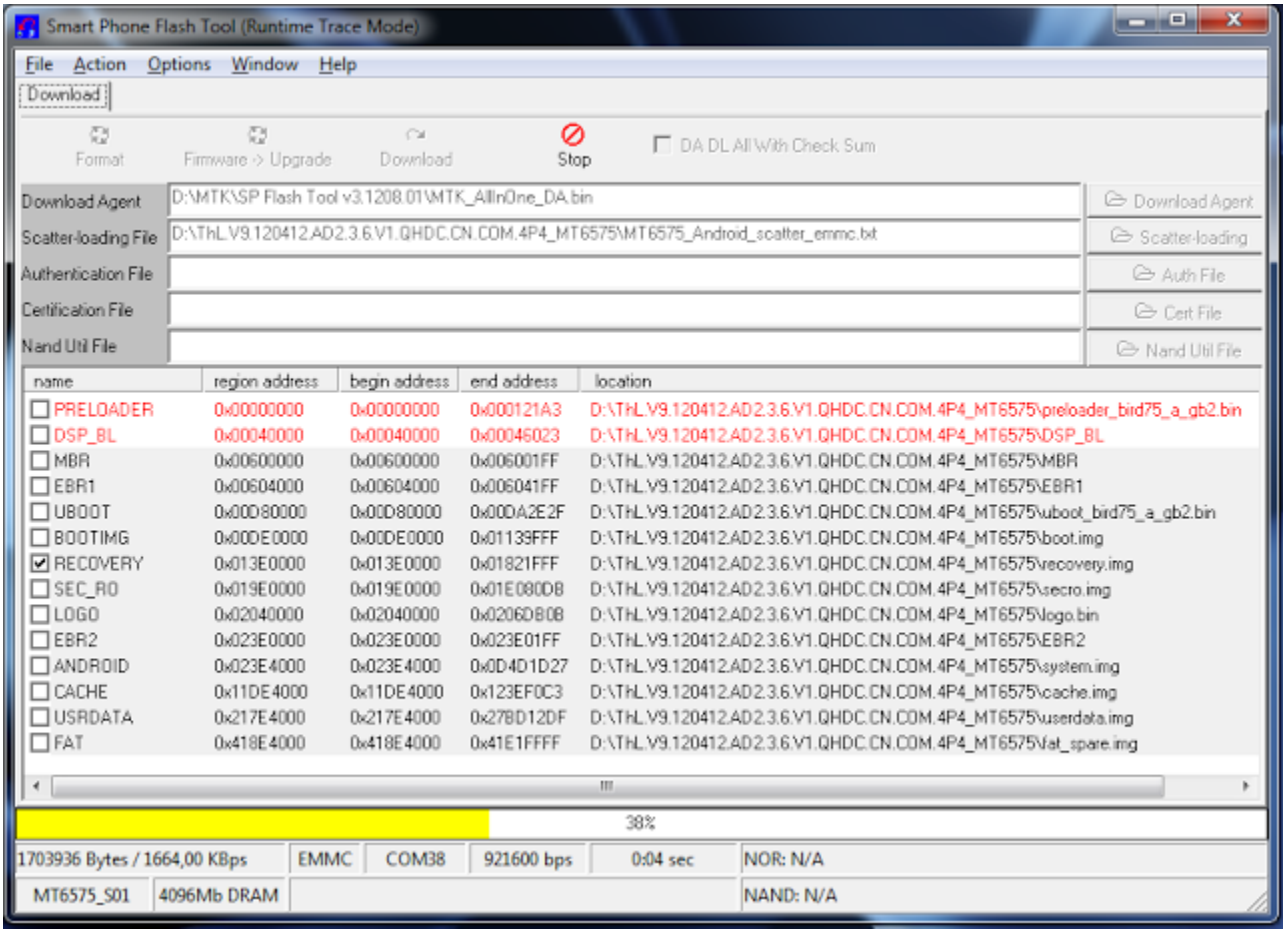
- *In case you want to flash just one part of the ROM, that is also possible. In the shown example, only **recovery** image will be flashed.*
  *Deselect all parts except the one(s) you want to flash and then press F9 (or hit **Download** button).*

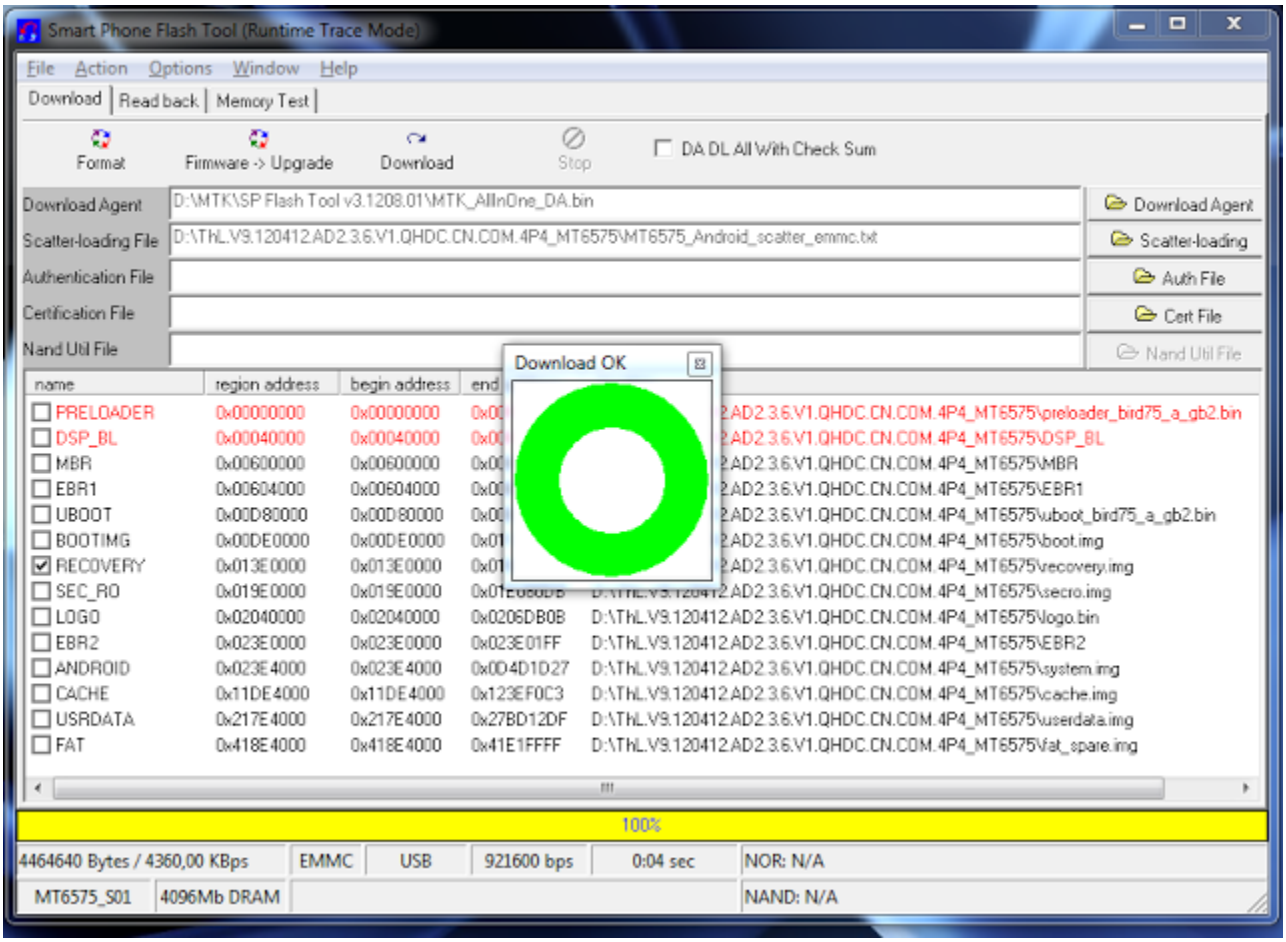


- *The tool will immediately show a warning because not all parts are selected, but you should continue anyway. Safely press **Yes** to continue.*



- *The download of the chosen partition image will start and after the yellow bar is complete, the popup with the green circle should appear.*





- *Please note that, even though it isn't mandatory to select it on the list of images to flash,* ***preloader*** *file must be present in the same folder as the other partition(s) that you want to flash, or else phone will not be able to enter into download mode.*

Attention: *Please follow the instructions carefully. I will not take any responsibility on whatever may happen with your phone.*

Very important warning: *Always make sure that you trust the sources of the ROM you download and know that it is meant for your phone.*
After flashing a wrong ***preloader****, your phone will be completely dead (can't be powered on, it will not charge and won't be detected anymore by the computer) and there is no way to recover it.*
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Created By

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